

IN THE CLAIMS:

Entry of the following amendments is respectfully requested in order to place the present Application in condition for allowance:

1-10. (canceled)

11. (currently amended) The method of Claim 10 A method of selecting which of a plurality of wireless communication options will be used by a mobile communication device, comprising the steps of:

(a) storing in a database information indicative of coverage areas for the wireless communication options along a route that the mobile communication device will be traversing, including storing boundary locations of the coverage areas for the wireless communication options along the route where the boundary locations stored are limited to boundary locations that are on streets of the route;

(b) determining at the mobile communication device where on the route that the mobile communication device is at as it traverses the route;

(c) accessing the database to obtain information regarding the communication options available along the route,

(d) determining whether to switch from a first one of the wireless communication options presently being used to a second one of the wireless communication options when the mobile communication device approaches a boundary of a coverage area of one of the wireless communication options based on the wireless communication options available once the boundary is crossed and those that will be available further along the route;

(e) switching from the first one of the wireless communication options to the second one of the wireless communication options if the determination was made to switch to that second one of the wireless communication options; and

(f) obtaining updated information concerning the coverage areas of the wireless communication options and updating the database with the updated information,

wherein one of the plurality of wireless communication options is not using any wireless communication, and

wherein the step of obtaining updated information concerning the coverage areas of the wireless communication options 40 includes obtaining this information from providers of the wireless communication options.

12. (currently amended) The method of Claim 10 A method of selecting which of a plurality of wireless communication options will be used by a mobile communication device, comprising the steps of:

(a) storing in a database information indicative of coverage areas for the wireless communication options along a route that the mobile communication device will be traversing, including storing boundary locations of the coverage areas for the wireless communication options along the route where the boundary locations stored are limited to boundary locations that are on streets of the route;

(b) determining at the mobile communication device where on the

route that the mobile communication device is at as it traverses the route;

(c) accessing the database to obtain information regarding the communication options available along the route,

(d) determining whether to switch from a first one of the wireless communication options presently being used to a second one of the wireless communication options when the mobile communication device approaches a boundary of a coverage area of one of the wireless communication options based on the wireless communication options available once the boundary is crossed and those that will be available further along the route;

(e) switching from the first one of the wireless communication options to the second one of the wireless communication options if the determination was made to switch to that second one of the wireless communication options; and

(f) obtaining updated information concerning the coverage areas of the wireless communication options and updating the database with the updated information,

wherein one of the plurality of wireless communication options is not using any wireless communication, and

wherein the step of obtaining updated information concerning the coverage areas of the wireless communication options includes the mobile communication device monitoring signal strengths of the wireless communication options as it passes through the coverage areas for the wireless communication options and developing updated information concerning

coverage areas for the wireless communication options based on the monitored signal strengths of the wireless communication options.

13. (original) The method of Claim 12 wherein the step of updating the database with the updated information includes determining whether the updated information is for a location presently in the database,

(a) if the updated information is for a location not presently in the database, then storing the updated information in the database for the location;
(b) if the updated information is for a location presently in the database, comparing the updated information with the information stored in the database for the location and updating the stored information if updated information is different from the stored information.

14. (currently amended) The method of Claim 10 A method of selecting which of a plurality of wireless communication options will be used by a mobile communication device, comprising the steps of:

(a) storing in a database information indicative of coverage areas for the wireless communication options along a route that the mobile communication device will be traversing, including storing boundary locations of the coverage areas for the wireless communication options along the route where the boundary locations stored are limited to boundary locations that are on streets of the route;

(b) determining at the mobile communication device where on the

route that the mobile communication device is at as it traverses the route;

(c) accessing the database to obtain information regarding the communication options available along the route,

(d) determining whether to switch from a first one of the wireless communication options presently being used to a second one of the wireless communication options when the mobile communication device approaches a boundary of a coverage area of one of the wireless communication options based on the wireless communication options available once the boundary is crossed and those that will be available further along the route;

(e) switching from the first one of the wireless communication options to the second one of the wireless communication options if the determination was made to switch to that second one of the wireless communication options; and

(f) obtaining updated information concerning the coverage areas of the wireless communication options and updating the database with the updated information,

wherein one of the plurality of wireless communication options is not using any wireless communication, and

wherein the step of updating the database with the updated information includes determining whether the updated information is for a location for which information is presently stored in the database,

(a) if the updated information is for a location not presently in the database, then storing the updated information in the database for the location;

(b) if the updated information is for a location presently in the database, comparing the updated information with the information stored in the database for the location and updating the stored information if updated information is different from the stored information.

15. (original) The method of claim 14, wherein the step of updating stored information comprises shifting the stored information toward the updated information by a parameter and replacing the stored information with the shifted stored information.

16. (original) The method of claim 15 wherein the step of updating the stored information comprises doing so with a running average method wherein the stored information is the running average of initial information and subsequent update information.

17-18. (canceled)

19. (currently amended) The method of claim 18, A method of storing data in a database that is indicative of coverage areas for wireless communication options along a route that a mobile communication device is traversing, comprising the steps of

(a) storing boundary locations of the coverage areas for the wireless communication options along the route in the database where the boundary

locations are boundary locations on streets of the route;

(b) periodically obtaining updated information at the location of the mobile communication device concerning the coverage areas of the wireless communication options as the mobile communication device traverses the route; and

(c) updating the database with the updated information, wherein the step of updating the database with the updated information includes determining whether the updated information is for a location for which information is presently stored in the database,

(a) if the updated information is for a location not presently in the database, then storing the updated information in the database for the location;

(b) if the updated information is for a location presently in the database, comparing the updated information with the information stored in the database for the location and updating the stored information if updated information is different from the stored information, and

wherein the step of updating stored information comprises shifting the stored information toward the updated information by a parameter and replacing the stored information with the shifted stored information.

20. (currently amended) The method of claim 18, A method of storing data in a database that is indicative of coverage areas for wireless communication options along a route that a mobile communication device is traversing, comprising the steps of

(a) storing boundary locations of the coverage areas for the wireless communication options along the route in the database where the boundary locations are boundary locations on streets of the route;

(b) periodically obtaining updated information at the location of the mobile communication device concerning the coverage areas of the wireless communication options as the mobile communication device traverses the route; and

(c) updating the database with the updated information, wherein the step of updating the database with the updated information includes determining whether the updated information is for a location for which information is presently stored in the database,

(a) if the updated information is for a location not presently in the database, then storing the updated information in the database for the location;

(b) if the updated information is for a location presently in the database, comparing the updated information with the information stored in the database for the location and updating the stored information if updated information is different from the stored information, and

wherein the step of updating the stored information comprises doing so with a running average method wherein the stored information is the running average of initial information and subsequent update information.